

FIG.1

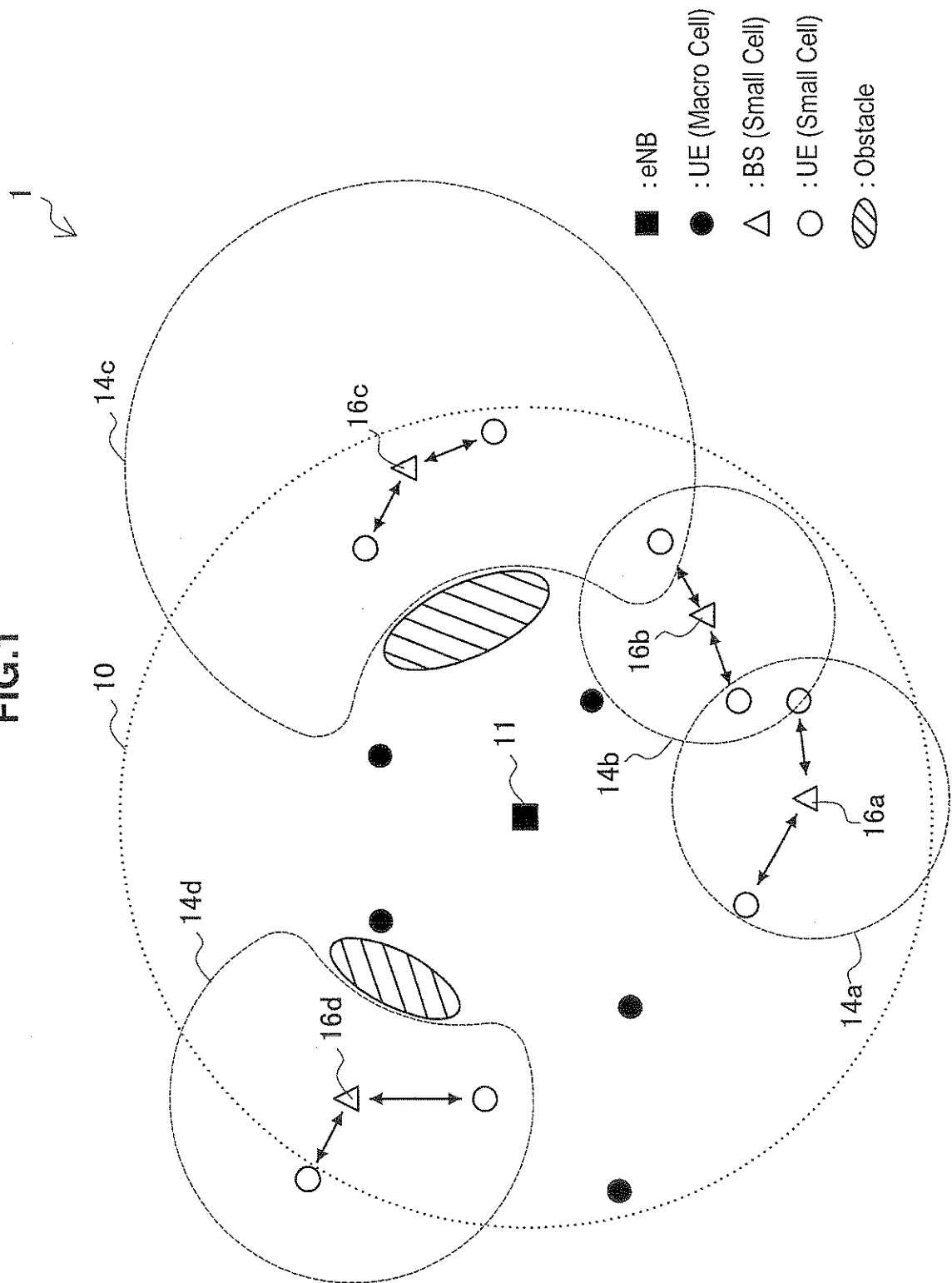
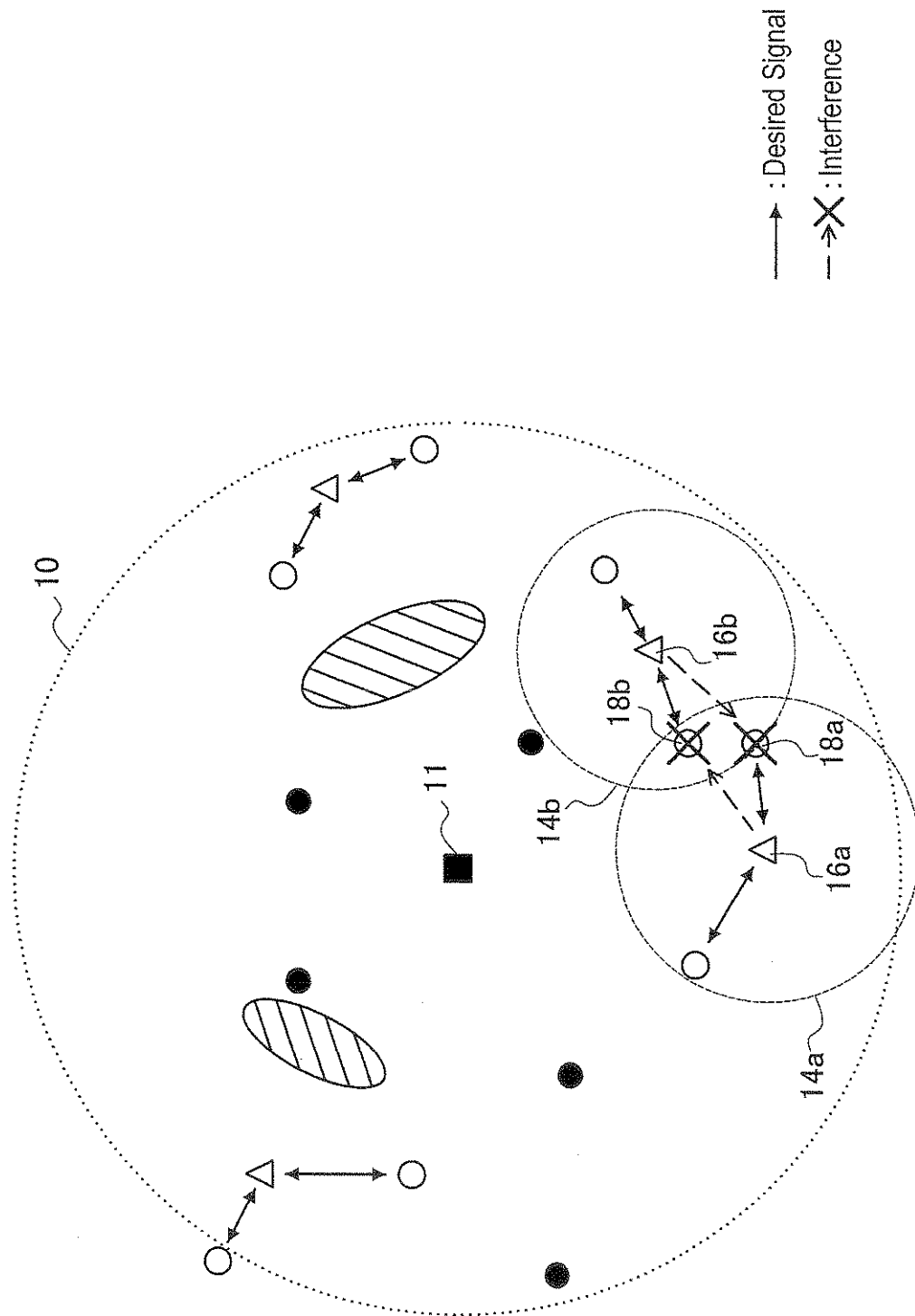
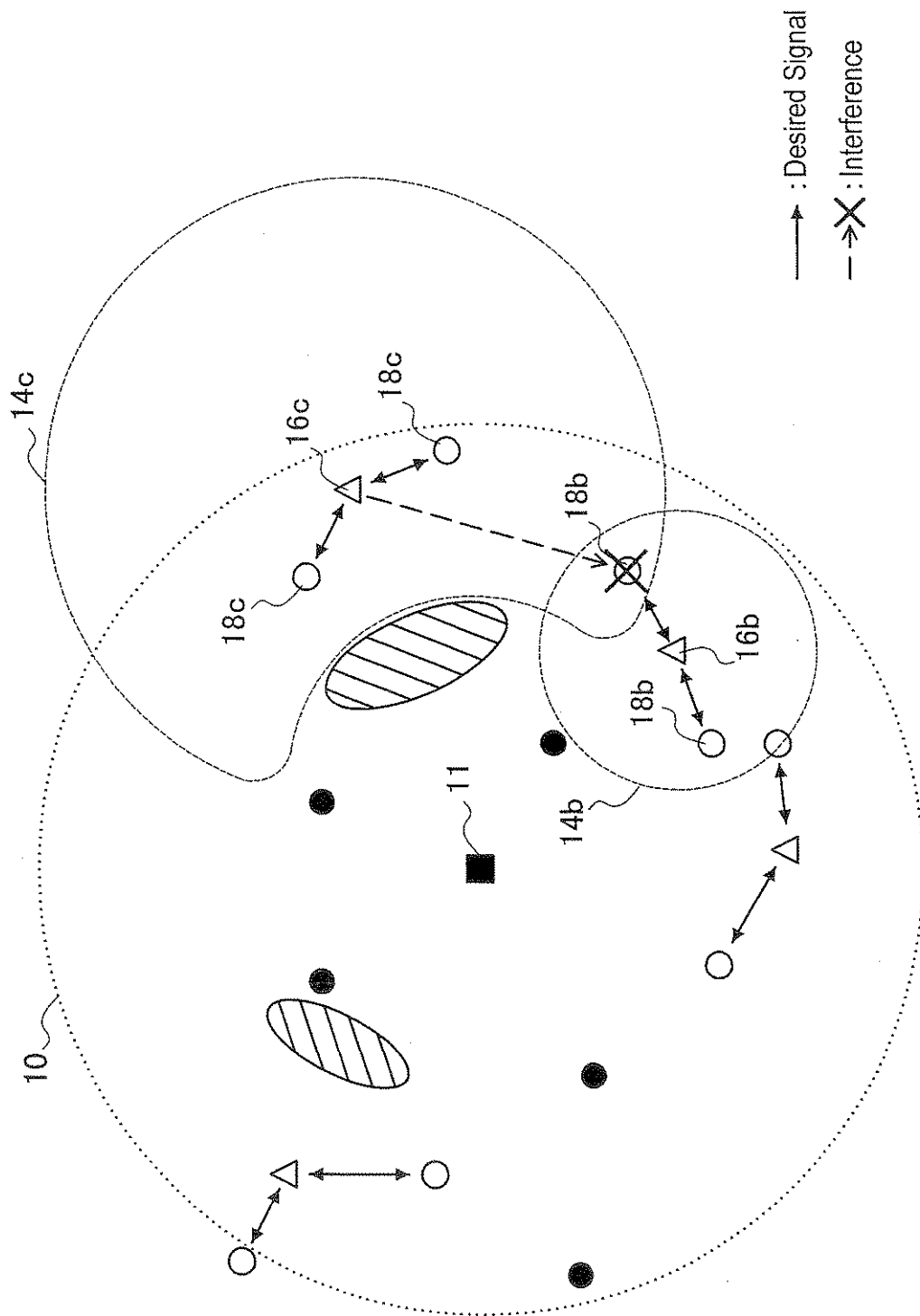


FIG.2A



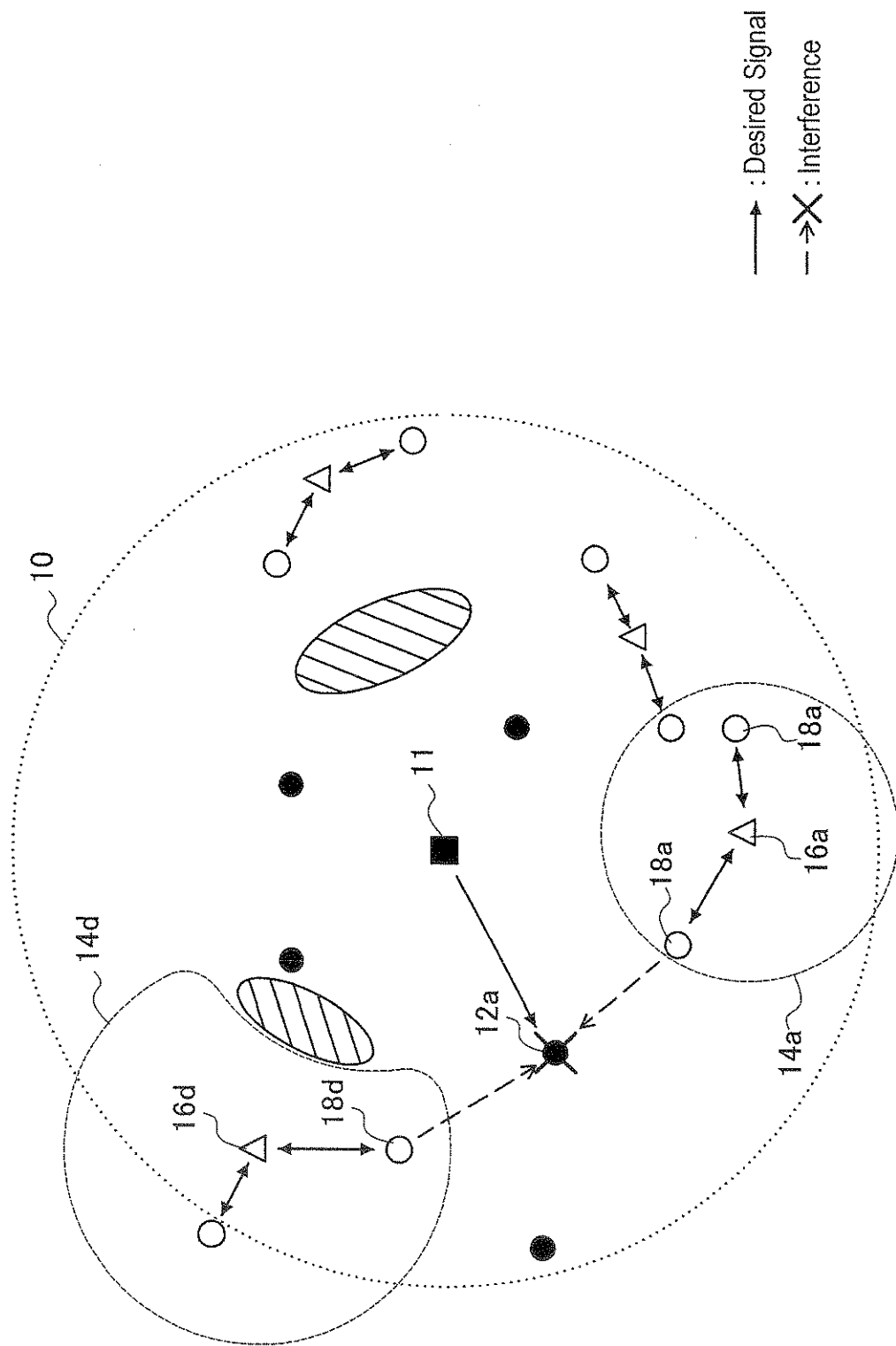
INTERFERENCE CASE A : BIDIRECTIONAL INTERFERENCE BETWEEN SMALL CELLS

FIG.2B



INTERFERENCE CASE B : UNIDIRECTIONAL INTERFERENCE BETWEEN SMALL CELLS

FIG.2C



INTERFERENCE CASE C : CUMULATIVE INTERFERENCE ON MACRO CELL TERMINAL

FIG.3

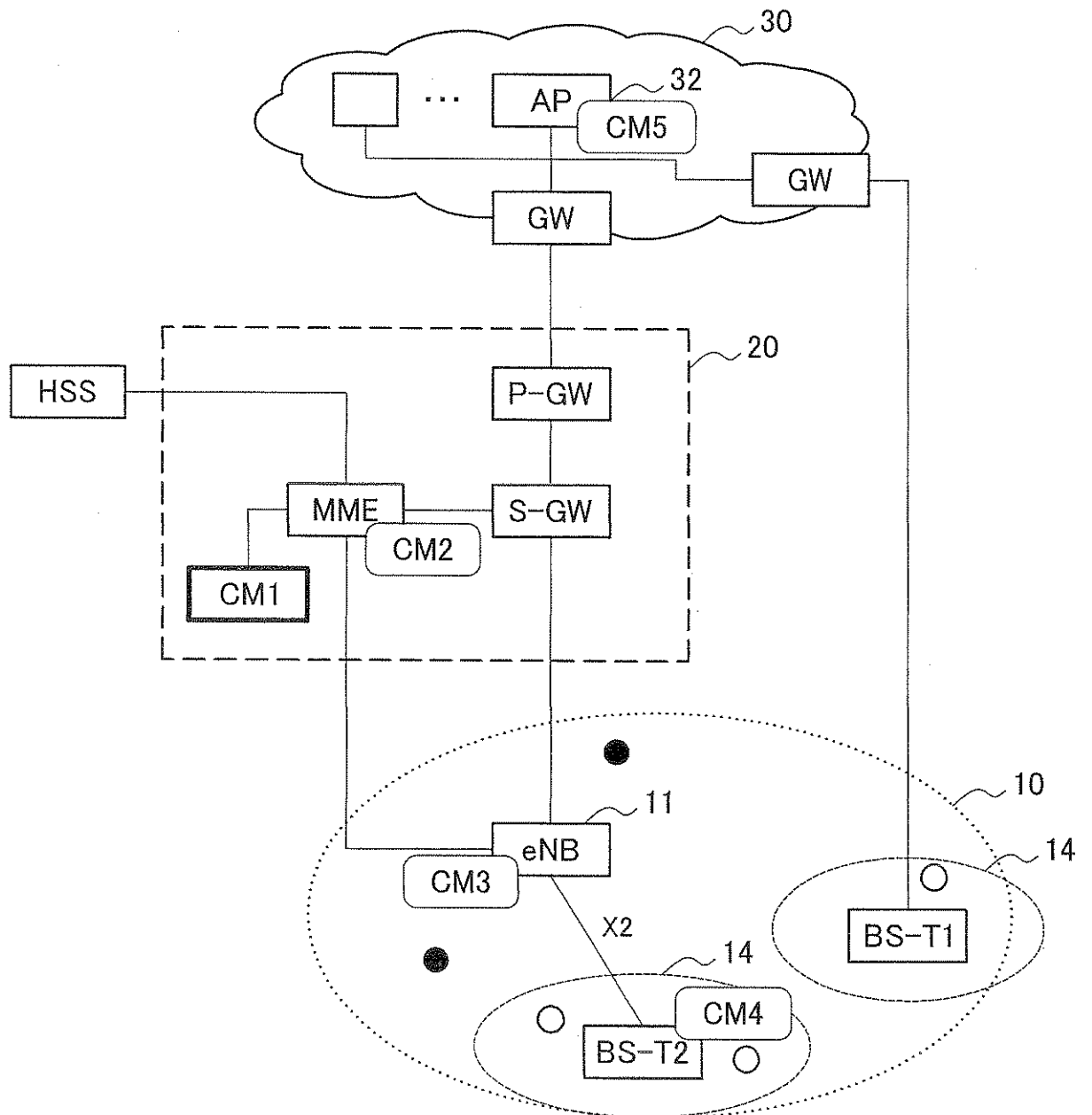


FIG.4

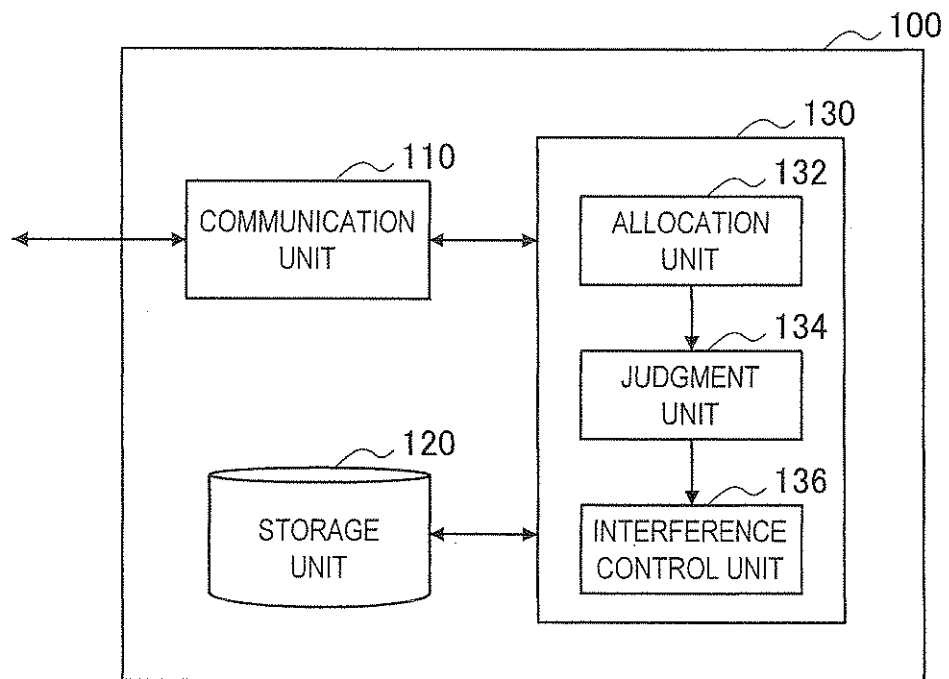


FIG.5A

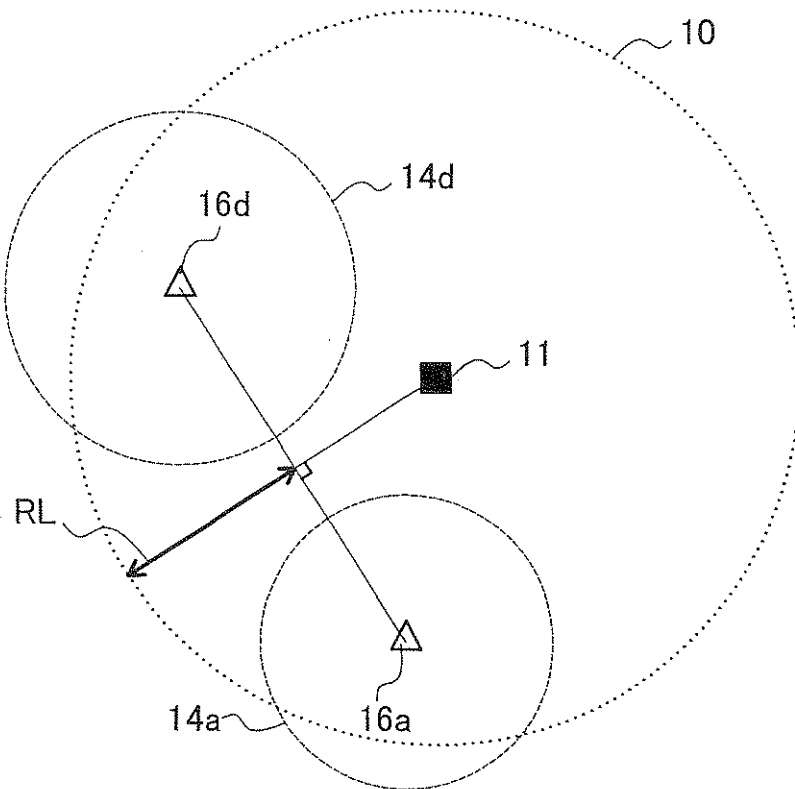


FIG.5B

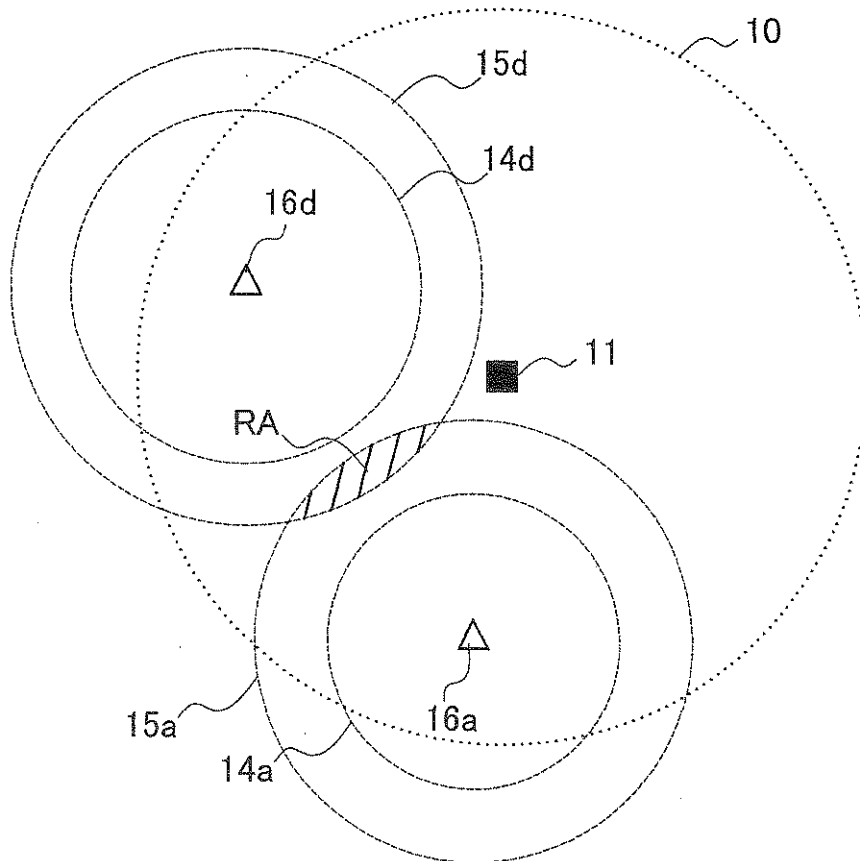


FIG.6

INTERFERENCE CASE	CLASSIFICATION CRITERIA	INTERFERENCE CONTROL SCHEME EXAMPLE
A	• RATIO OF RESOURCES WITH INTERFERENCE EXCEEDING ALLOWED LEVEL IS EQUAL TO OR GREATER THAN THRESHOLD VALUE • INTERFERENCE IS BIDIRECTIONAL	• ROUND-ROBIN RESOURCE DISTRIBUTION • PRIORITIZED RESOURCE DISTRIBUTION
B	• RATIO OF RESOURCES WITH INTERFERENCE EXCEEDING ALLOWED LEVEL IS EQUAL TO OR GREATER THAN THRESHOLD VALUE • INTERFERENCE IS UNIDIRECTIONAL	• DECREASE POWER ON INTERFERING SIDE • LIMIT SCHEDULING
C	• CUMULATIVE INTERFERENCE EXCEEDING ALLOWED LEVEL ON MACRO CELL IS PRODUCED	• INCREASE INTERFERENCE IMMUNITY OF MACRO CELL SIGNAL • LIMIT SCHEDULING ON INTERFERING SIDE

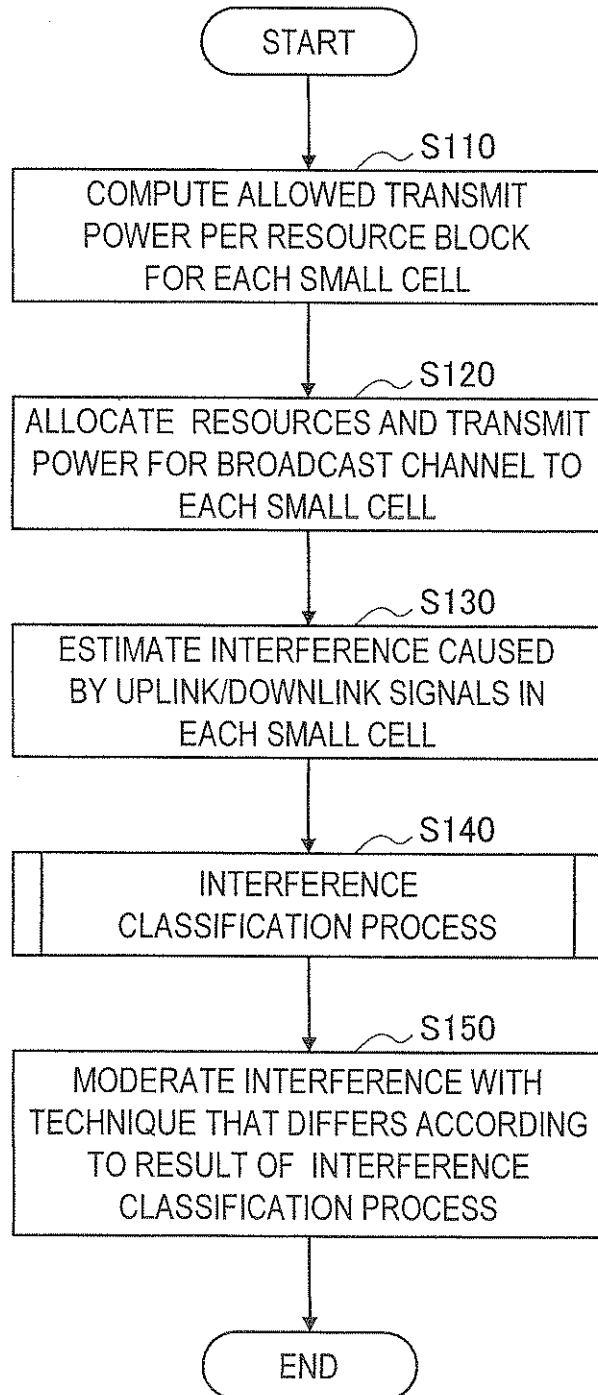
FIG.7

FIG.8

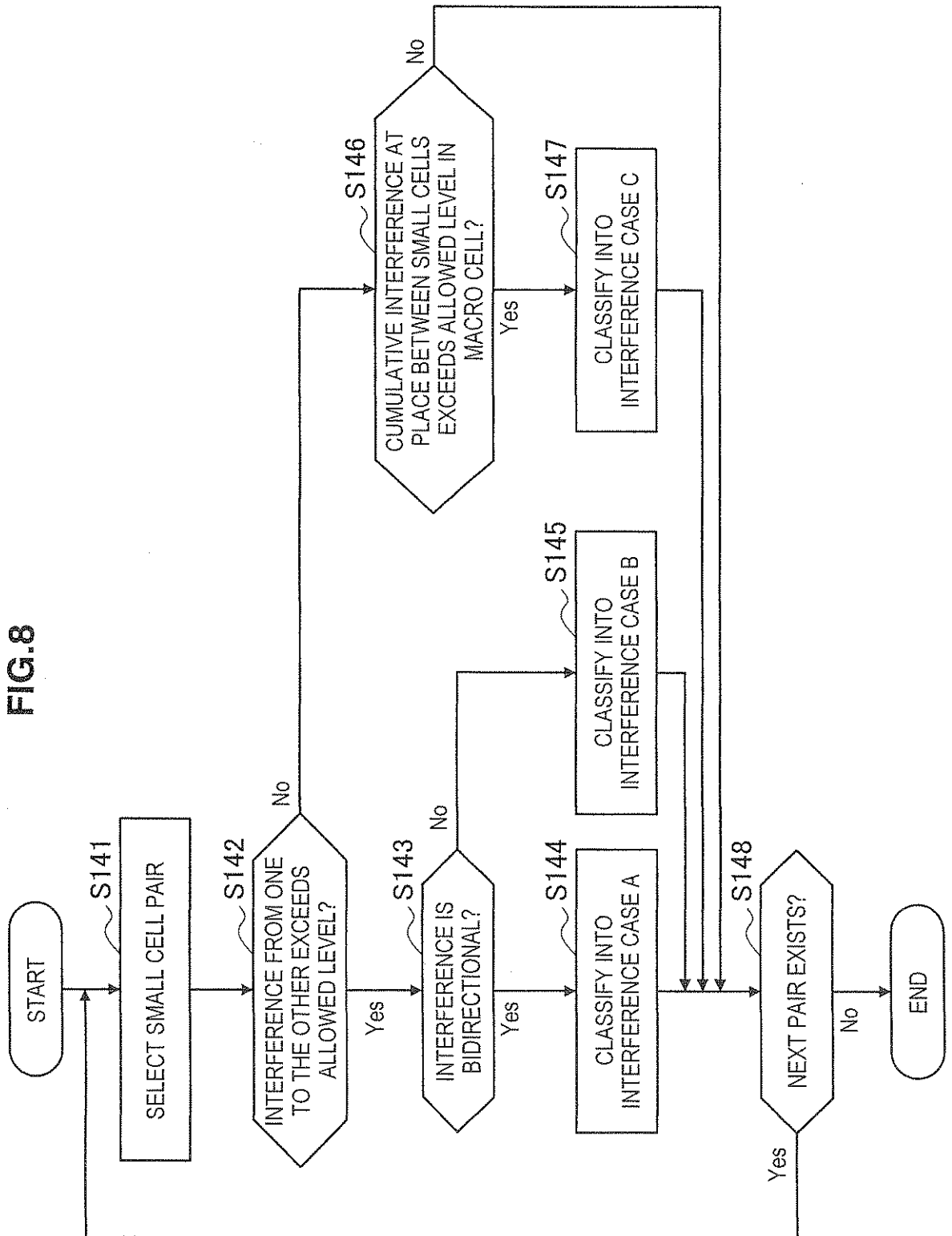


FIG.9

